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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/693,337 | |
| | Filing Date | 10/23/2003 | |
| | First Named Inventor | Marvin R. Havens | |
| | Art Unit | Not yet assigned | |
| | Examiner Name | Not yet assigned | |
| Total Number of Pages in This Submission | 3 | Attorney Docket Number | D-43444-01 |

| ENCLOSURES (Check all that apply) | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks Cover Sheet for IDS (1 page) 9 cited references | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm or Individual name | Mark B. Quatt, Registration No. 30,484 Cryovac, Inc., P. O. Box 464, Duncan, SC 29334 |
| Signature | <i>Mark B. Quatt</i> |
| Date | NOVEMBER 18, 2003 |


| CERTIFICATE OF TRANSMISSION/MAILING | |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | |
| Typed or printed name | Sandra Adamovich |
| Signature | <i>Sandra Adamovich</i> |
| Date | 11-18-03 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Mark B. Quatt, Registration No. 30,484

11-18-03
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|--------------|---|------------------|----------------|
| Applicants: | Havens et al. | Atty. Docket No: | D-43444-01 |
| Serial No.: | 10/693,337 | Group Art Unit: | To be assigned |
| Filing Date: | October 23, 2003 | Examiner: | To be assigned |
| Title: | ARTICLES WITH RADIATION CURED ADHESIVE AS ALTERNATIVE TO HEAT SEALS | | |

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56 and in accordance with 37 CFR §1.97 et. seq., applicants, through and by their attorney, hereby direct the Examiner's attention to the documents enclosed.

A Form PTO/SB/08A, Information Disclosure Statement by Applicant, listing the enclosed documents is attached. A copy of each listed document is enclosed.

Concise Explanation of Relevance

Per 37 CFR § 1. 98 (a) (3) (i), the office is advised that the non-English language items in the attached Form 1449 are considered relevant because of the following:

Item 7 (Bolte article): Discloses radiation curing in the field of flexible packaging. The technology of UV curable flexographic printing inks and UV curable adhesives for flexible packaging materials is described.

Item 8 (Manser article): Discloses plastic film laminating using UV curable adhesives. The advantages of using UV hardened acrylic adhesives (lack of solvent, control of cure time) for laminating of plastic films, especially in blister packaging, are discussed.

Item 9 (Myshko article): Discloses composite film materials with photochemically hardened adhesive layer. The resistance to delamination, flex life, and water resistance of high density polyethylene film laminates with a poly(ethylene terephthalate) or an aluminum foil were maximized when UV curable adhesives were applied at a rate of 1 – 1.5 grams adhesive/m² surface. The optimal results were achieved with adhesives containing acrylic acid of beta-chloroanthraquinone, ascorbic acid or tin chloride as reducing agent, and 2 to 10% polymer such as urethane rubber. The composites were intended as packaging materials.

This IDS is being submitted under 37 C.F.R. §1.97 (b)(1), and therefore no fee is required.

However, if any fees are deemed due, please charge same to Deposit Account No. 07-1765.

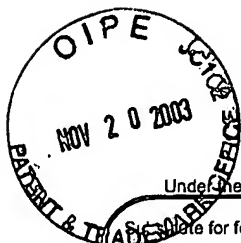
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Respectfully submitted,



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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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See instructions for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

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|------------------------|------------------|
| Application Number | 10/693,337 |
| Filing Date | October 23, 2003 |
| First Named Inventor | Marvin R. Havens |
| Art Unit | To be assigned |
| Examiner Name | To be assigned |
| Attorney Docket Number | D-43444-01 |

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|-------|---|----|---|
| Sheet | 1 | of | 1 |
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | 1. | William E. Hoffman & David E. Miles, "UV Light-Cured PSA's Provide Application Alternatives", Adhesives Age, April, 1992, pages 20, 22-24 | |
| | 2. | Clai Bachman & S. Cantor, "UV Structural Adhesives and Sealants", Adhesives Age, April, 1995, eight pages | |
| | 3. | Deborah A. Sciangola, "UV Curable Laminating Adhesives", RadTech 2000 Proceedings, pp 1023-1032 | |
| | 4. | Hardy et al., Ciba-Geigy, "Film and Foil Lamination with UV-curable Adhesives", Tappi Journal 75(1), pp 121-25 (1992) | |
| | 5. | Albright et al., "Cationic UV Laminating Adhesives", RadTech 1998 North America UV/EB Conf. Proc. pp 166-69 | |
| | 6. | English abstract of JP 8164968, 06/25/96 Patent Assignee: Osaka Sealing Insatsu KK | ✓ |
| | 7. | "Die Strahlungshärtung im Bereich der flexiblen Verpackung (Teil 2)", George Bolte, Coating (1994), 27(10), pp 357-8, 360 | |
| | 8. | "Folienverbunde mit UV-hartenden Klebstoffen herstellen", A. H. Manser, Kunststoffe (1991), 81(9), pp 760-3 | |
| | 9. | Russian language copy of "Composite Film Materials with Photochemically Hardened Adhesive Layer", V.I. Myshko, A.A. USSR. Plast. Massy (1985), (4), pp 37-9 | |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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